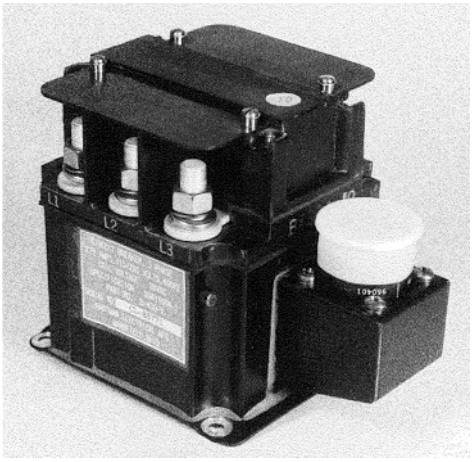
B-430 Series, Rated up to 275 Amps, 115/200 VAC, 400 Hz

Product Facts

- **3PST, Double break, magnetic latching**
- **Gasket sealed**
- **Auxiliary contacts available**
- **Meets many requirements of MIL-PRF-6106**



Performance Data

Electrical Characteristics

Contact Arrangement — 3PST, Double Break, Magnetic Latching

Rated Operating Voltage — 115/200 VAC, 400 Hz, 3 phase

Resistive Rating — 275 Amps

Interrupt Rating — 2,000 Amps

General Characteristics

Temperature Range — -55°C to +85°C

Operating Cycles (Life) at Rated Resistive Load, Min. — 50,000 cycles

Operating Cycles (Life) Mechanical, Min. — 100,000 cycles

Dielectric Strength — All Circuits to Ground — 1,500 Vrms
Circuit to Circuit — 1,500 Vrms
Coil to Ground and Aux. Contacts — 1,000 Vrms

Insulation Resistance, Initial — 100 megohm min.

Altitude — 45,000 ft.

Weight, Max. — 4.0 lbs

Coil Characteristics

Duty Cycle —
B-430-1 — Continuous, self-deenergizing (Type A, See diagram below)
B-430Z — Continuous, self-deenergizing with suppression (Type B, See diagram below)

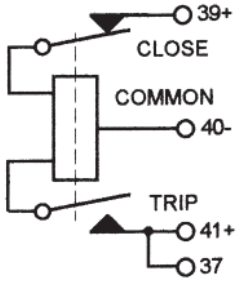
Operating Voltage Close, @ 85°C —
Min. — 15 Vdc
Max. — B-430-1 — 28 Vdc
B-430Z — 29 Vdc

Operating Voltage Trip, @ 85°C —
Min. — 15 Vdc
Max. — B-430-1 — 28 Vdc
B-430Z — 29 Vdc

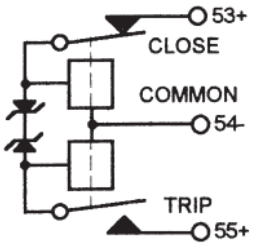
Coil Current Closing, Max. — 6 Amps

Coil Current Trip, Max. — 6 Amps

Coil Type



A — Continuous, Self-Deenergizing



B — Continuous, Self-Deenergizing with Suppression

For factory-direct application assistance, phone 419-521-9500 or fax 419-526-2749.

Catalog 5-1773450-5
Revised 3-13

www.te.com

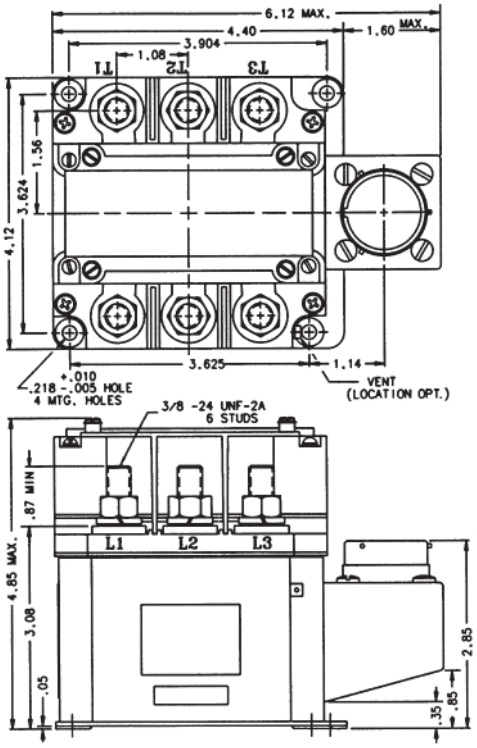
Dimensions are shown for reference purposes only. Specifications subject to change.

Dimensions are in millimeters unless otherwise specified.

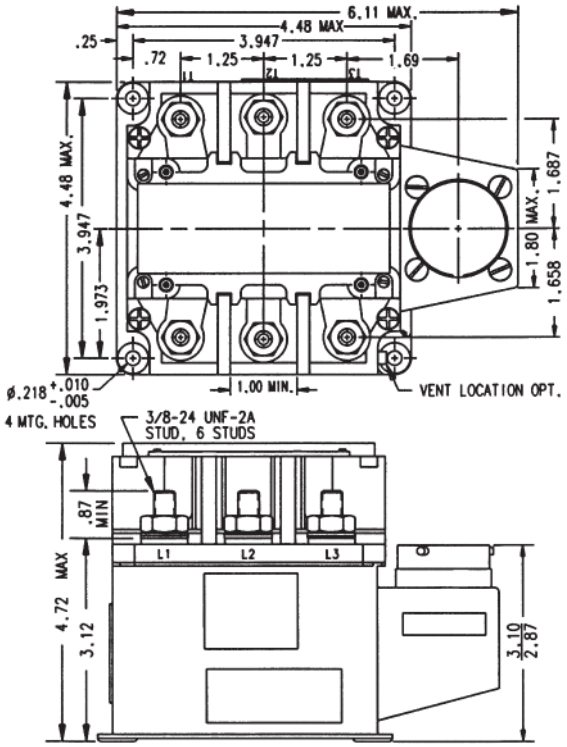
USA: +1 800 522 6752
Asia Pacific: +86 0 400 820 6015
UK: +44 800 267 666

For additional support numbers please visit www.te.com

B-430 Series, Rated up to 275 Amps, 115/200 VAC, 400 Hz (Continued)

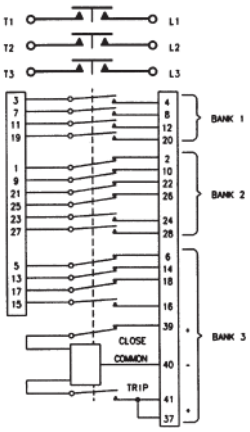


Mounting Style A

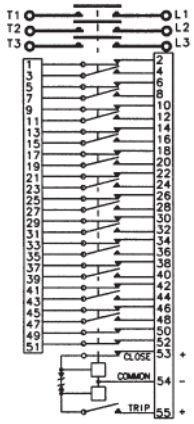


Mounting Style B

Circuit Configurations (Consult factory for other available circuit configurations)



Circuit Configuration 1



Circuit Configuration 2

HARTMAN Part Number	Construction Type	Mounting Style	Coil Type	Circuit Config.	TE Part Number
B-430-1	Gasket/Vented	A	A	1	1616023-1
B-430Z	Gasket/Vented	B	B	2	1616023-2

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